

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	((HIROYUKI) near2 (HOSAKA)).INV.	US-PGPUB; USPAT	OR	ON	2007/08/20 16:34
L3	5	345/55-100.ccls. and "black display" and "white display" and (second near subfield)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:37
L4	1000	345/55-100.ccls. and ("subfield" or "sub field").clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:38
L5	19	345/55-100.ccls. and ("subfield" or "sub field").clm. and "normally white mode"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:39
L6	41	345/55-100.ccls. and ("subfield" or "sub field").clm. and ("normally white mode" or "white mode" or "white display")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:41
L7	24	345/55-100.ccls. and ("subfield" or "sub field").clm. and ("normally white mode" or "white mode" or "white display") and ("black display" or "black mode")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:43
L8	7	345/55-100.ccls. and ("subfield" or "sub field").clm. and ("normally white mode" or "white mode" or "white display") and ("black display" or "black mode") and frame.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:44
L9	4	345/55-100.ccls. and ("subfield" or "sub field").ab. and ("normally white mode" or "white mode" or "white display") and ("black display" or "black mode") and frame.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:46
L10	197	345/55-100.ccls. and ("subfield" or "sub field").ab. and frame.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:45
L11	443	345/55-100.ccls. and ("subfield" or "sub field").clm. and frame.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:57

## EAST Search History

L12	182	I10 and I11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:45
L13	4	L12 and ("subfield" or "sub field").ab. and ("normally white mode" or "white mode" or "white display") and ("black display" or "black mode") and frame. ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:48
L14	4	L12 and ("normally white mode" or "white mode" or "white display") and ("black display" or "black mode")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:49
L15	16	("20020084969" "20040196415" "586 7234" "6064404" "6342881" "6784863 " "6819311" "6873313").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:49
L16	675	345/96.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:57
L17	12	(345/87 or 345/94 or 345/96).ccls. and ("subfield" or "sub field").clm. and frame.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:57
S1	167	"frame inversion" and "normally white"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 13:52
S2	71	"frame inversion" and "normally white" and 345/94-100.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 13:59
S3	131	"frame inversion" and "normally white" and "pixel electrode"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:09
S4	21	"frame inversion" and "normally white" and "pixel electrode" and 345/96.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 14:41

## EAST Search History

S5	26	"frame inversion" and "normally white" and 345/96.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 14:55
S6	663	345/96.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:57
S7	73	345/96.ccls. and TFT and "normally white"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:24
S8	280245	seiko.asn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 15:04
S9	165981	"seiko epson".asn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 15:05
S10	52	S7 not S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 15:05
S11	120	345/94-100.ccls. and TFT and "frame inversion" and white	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 15:56
S12	97	S11 not S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 15:54
S13	23	S11 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 15:54
S14	405	345/94-100.ccls. and "black display" and white	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 15:57

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S15	294	345/94-100.ccls. and "black display" and "white display"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:14
S16	194	345/94-100.ccls. and "black display" and "white display" and TFT	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 15:57
S17	95	345/94-100.ccls. and "black display" and "white display" and TFT and frame and (invert or inversion)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 17:25
S18	1	10/823657	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 17:29
S19	2	09/730610	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/21 17:30
S20	1	("6819311" or "6784863").pn. and MIM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/22 15:03
S21	7	((HIROYUKI) near2 (HOSAKA)).INV.	US-PGPUB; USPAT	OR	ON	2007/08/15 10:12
S22	16	("20020084969" "20040196415" "5867234" "6064404" "6342881" "6784863" "6819311" "6873313").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:09
S23	7	((HIROYUKI) near2 (HOSAKA)).INV.	US-PGPUB; USPAT	OR	ON	2007/08/15 10:12
S24	606	345/55-100.ccls. and "black display" and "white display"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:15
S25	5	345/55-100.ccls. and "black display" and "white display" and (second near subfield)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/20 16:36

## EAST Search History

S26	24	345/55-100.ccls. and "black display" and (second near subfield)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:18
S27	19	S26 not S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:18
S28	675	345/96.ccls. and "black display"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:24
S29	93	345/96.ccls. and "black display"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:28
S30	8	345/96.ccls. and (("black display" or "non display" or "non selection") with maximum with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:31
S31	15	345/94.ccls. and (("black display" or "non display" or "non selection") with maximum with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:49
S32	13	345/96.ccls. and (("black display" or "non display" or "non selection" or "black data" or "black mode") with maximum with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:53
S33	5	S32 not S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:51
S34	60	345/94-100.ccls. and (("black display" or "non display" or "non selection" or "black data" or "black mode") with maximum with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 10:59
S35	2	"7034453".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 12:19

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S36	2	"20050190158".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 17:15
S37	2	"7190360".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/15 17:15